



State of New Hampshire  
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095  
(603) 271-3406 FAX (603) 271-7894



May 30, 2003  
**Letter of Deficiency**  
DSP #03-038

Mr. Bill Weiler  
Lake Todd Association  
Box 169  
Bradford, NH 03221

RE: Todd Lake Dam #028.01, Bradford

Dear Mr. Weiler:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on April 10, 2003. During this visual inspection and/or file review, the following deficiencies were observed:

1. There is soil erosion located along the downstream slope of the right spillway training wall;
2. The downstream face of the concrete spillway overflow section has several cracks across the length of the spillway;
3. The left upstream concrete training wall, located between the low level outlet intake and spillway, is deteriorated and has several vertical cracks;
4. There are trees located in the downstream channel between the dam and the bridge;
5. The operation and maintenance plan (O&M) needs updating; and
6. The emergency action plan (EAP) was last updated and tested in June 2002. The existing flowchart includes an incorrect primary dispatcher contact.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

**November 30, 2003:**

1. Repair the soil erosion, adjacent to the right spillway training wall, on the downstream slope;
2. Repair concrete cracks in the following locations:
  - a. Along the lip of the concrete spillway;
  - b. Along the left upstream training wall, between the low level outlet intake and spillway;
3. Remove the trees from the downstream channel between the dam and bridge;

Letter of Deficiency  
Dam#028.01/DSP#03-038  
May 30, 2003  
pg. 2

4. Update the 1982 O&M plan; and
5. Redistribute a corrected notification flowchart and corresponding checklist, which incorporates the corrected primary dispatcher contact. Also, ensure that all agencies making contacts in accordance with the flowchart have received their appropriate checklist. If you have any questions relative to your EAP please contact Bethann McCarthy, P.E., EAP Coordinator.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. Please call or write to our office if the repairs are completed ahead of the aforementioned schedule so that DES may schedule a follow-up inspection. Unless notified otherwise, DES will conduct the follow-up inspection on or after the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. Please call or write to our office if the repairs are completed before the aforementioned schedule. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

  
Grace E. Levergood, P.E.  
Dam Safety Engineer

Attachments Guideline for an O&M plan, Copy of O&M plan in file, DB8, DB13

cc: Gretchen Rule✓

Town of Bradford

Bethann McCarthy, P.E., EAP Coordinator

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